

CLAIMS

WHAT IS CLAIMED IS:

5 1. An electric lamp comprising at least one vessel
for producing and emitting visible electromagnetic
radiation, a base for securing and making electrical
contact with the lamp in a luminaire fitting, and a
connecting part which connects the base to one of the
10 remaining parts of the lamp, wherein the connecting
part is in the form of a rotationally symmetrical
rotary device which makes it possible for the remaining
parts of the lamp to be rotated with respect to the
base, when the base is secured in the fitting, about
15 the axis of the lamp.

2. The electric lamp as claimed in claim 1, wherein
the rotary device comprises two parts which are latched
into one another, the second part being connected to
20 the base of the lamp, and the first part being
connected to one of the remaining components of the
lamp.

3. The electric lamp as claimed in claim 2, wherein
25 one of the two parts of the rotary device has a
peripheral groove into which a peripheral tongue of the
other part of the rotary device engages.

4. The electric lamp as claimed in claim 1, wherein
30 the rotary device is designed such that the rotation is
limited to a maximum of 360°.

5. The electric lamp as claimed in claim 3 or 4,
wherein each of the two parts of the rotary device has
35 a stop, the two stops being arranged such that, at a
specific angle of rotation, they come into contact with
one another between the two parts of the rotary device
and prevent any further rotation.

6. The electric lamp as claimed in claim 1, wherein
the lamp also has a housing for accommodating an
electrical or electronic circuit for lamp operation
which is arranged between the vessel and the rotary
5 device.

7. The electric lamp as claimed in claim 1, wherein
the lamp is an incandescent lamp.

10 8. The electric lamp as claimed in claim 1, wherein
the lamp is a discharge lamp.

9. The electric lamp as claimed in claim 6, wherein
the lamp is a compact low-pressure discharge lamp.

15 10. The electric lamp as claimed in claim 1, wherein a
movement and/or brightness sensor is fitted on the
second part of the rotary device, which faces the
vessel, or on the housing for accommodating the
20 electrical or electronic circuit for lamp operation.